SEP 2 6 2006

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FACSIMILE COVER SHEET

| To: Commissioner for Patents for Examiner Dipakkumar B. Gaudhi Group Art Unit 2138 | Facsimile No. 571/273-8300 |
|--|--|
| From: Nancy Milinkovich Legal Assistant to Lisa L.B. Yociss | No. of Pages Including Cover Sheet: 13 |

Enclosed herewith:

- Transmittal; and
- Response to Final Office Action.

Re: Application Serial No. 10/646,010 Attorney Docket No. 03-0084

Date: Tuesday, September 26, 2006

Please contact us at (972) 385-8777 if you do not receive all pages indicated above or experience any difficulty in receiving this facsimile.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

§

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SEP 2 6 2006

In re application of: Hoglund et al.

Serial No.: 10/646,010

Filed: August 22, 2003

For: Mapping Test Mux Structure

PATENT TRADEMARK OFFICE CUSTOMER NUMBER

Group Art Unit: 2138

Examiner: Gandhi, Dipakkumar B.

Attorney Docket No.: 03-0084

Certificate of Transmission Under 37 C.F.R. \$ 1.8(a) I hereby certify this correspondence is being transmitted via! facsimile to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, facsimile number (571) 273-8300 on September 26, 2006.

TRANSMITTAL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

ENCLOSED HEREWITH:

Response to Final Office Action

No fees are believed to be required. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to LSI Logic Corporation Deposit Account No. 12-2252. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to LSI Logic Corporation Deposit Account No. 12-2252.

Respectfully submitted,

Registration No. 36,975

Duke W. Yee

Registration No. 34,285

YEE & ASSOCIATES, P.C.

P.O. Box 802333 Dallas, Texas 75380

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ATTORNEYS FOR APPLICANTS

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CENTRAL FAX CENTER

SEP 2 6 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hoglund et al.

Serial No.: 10/646,010

Filed: August 22, 2003

For: Mapping Text Mux Structure

24319
PATENT TRADEMARK OFFICE
CUSTOMER NUMBER

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 Group Art Unit: 2138

Examiner: Gandhi, Dipakkumar B.

Attorney Docket No.: 03-0084

Certificate of Transmission Under 37 C.F.R. 8 1.8(a)
I hereby certify this correspondence is being transmitted via facsimile to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, facsimile number (571) 273-8300 on September 26, 2006.

Nancy Militikovich

RESPONSE TO FINAL OFFICE ACTION

Sir:

No fees are believed to be required. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to LSI Logic Corporation Deposit Account No. 12-2252. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to LSI Logic Corporation Deposit Account No. 12-2252.

In response to the Final Office Action of July 26, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.